

## Syllabus for Economics 111: Monetary Economics

Fall 2017; Tu-Th, 2PM – 3:20PM; Pepper Canyon 106

Lecturer: Dr. Darrel Cohen

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Office Hours: Tu-Th, 11:30AM - 1:00PM

Prerequisites: Math 10A or 20A; Econ 1A, 1B or Econ 3. Based on experience, I have found that students with only introductory economics as background tend to struggle a lot relative to students who have taken, or are taking, the Econ 110 series. Thus, *I strongly recommend* that the former talk to me or to the TAs well before the exams so that we can monitor your progress and make suggestions.

### Course Overview

A major focus of this course is for you to learn about the goals, formulation, and macroeconomic impact of monetary policy and, in the process, improve your analytic skills. Having spent an entire career as an economist at the Federal Reserve Board, I will attempt to provide an insider's perspective. Actual policy is based both on theoretical relationships and on the evaluation of data and statistical relationships; as a result, this course will contain both theoretical and empirical elements. The course also will consider the relationship among asset prices, interest rates, and the economy, with special attention paid to the risk and term structure of interest rates; these issues are important to an understanding of monetary policy and are of independent interest as well. Traditional topics related to money itself also will be discussed. Further, the course will examine the buildup and aftermath of financial crises and, in particular, will provide an extensive description and analysis of the U.S. housing/financial market turmoil of the past decade.

### Lecture Notes, Textbook, and Other Reading

1. Detailed lecture notes are available on the course web page. Also, please check the class web page frequently for messages about exams, homework, etc. **Required**
2. Stephen Cecchetti and Kermit Schoenholtz, *Money, Banking, and Financial Markets*, 5th edition, 2017 (earlier editions are also excellent). This book has excellent coverage and intuitive discussions, with a contemporary treatment of monetary policy, but is a little short on rigor. **Highly Recommended but Not Required.**

### Useful Web sites

[www.federalreserve.gov/releases/](http://www.federalreserve.gov/releases/) this contains downloadable economic data  
[www.federalreserve.gov/monetarypolicy/fomc.htm](http://www.federalreserve.gov/monetarypolicy/fomc.htm) this contains FOMC statements, etc.  
[www.federalreserve.gov/newsevents/speech/2015speech.htm](http://www.federalreserve.gov/newsevents/speech/2015speech.htm) this contains speeches of the Fed Chairs and Governors for more than a decade; includes discussion of the current and projected state of the economy and of various analytical issues.  
[www.cbo.gov](http://www.cbo.gov) this contains excellent and accessible discussions of the macroeconomic and budget outlook and of other important economic issues

**Course Grade:** I will give one mini-midterm (at the end of the first module, probably during the fourth week of class), one regular midterm (after the second module), and a final exam. Their contribution to your final grade is as follows:

Mini-Midterm	10%
Midterm	25%
Final	65%

I plan on holding a review session prior to the regular midterm and final exams. The final exam will be comprehensive. Performance on homework, extra credit, and in class potentially can help students whose exam scores place them just below a cut line for a particular grade (e.g., a C+ based solely on exam scores could turn into a B- grade), *although this is a fairly rare event*. Final course grades will be curved.

### **Reading Assignments**

*You are required to read the course lecture notes.* Although there are only about 50 pages of notes, they contain a lot of information and analysis. If you understand everything in these notes, you will do very well in the course. However, for many students, supplementary reading in the textbook by Cecchetti and Schoenholtz will be necessary. Reading all the chapters recommended below would take a lot of time, so you should be selective, reading only material in the textbook that you find confusing or incomplete in the lecture notes and in the class lectures. I strongly recommend that everyone at least read Chapters 1 – 3 in Cecchetti immediately because the material will help you get quickly grounded—but there is no need to memorize the material because we will cover the important pieces in class and in the lecture notes.

Weeks 1 - 3: module 1 of lecture notes and Chapters 1, 2, 3 in Cecchetti

Weeks 4 – 6: module 2 of lecture notes; Chapters 21, 22, 23 in Cecchetti; also Chapter 10 (pages 240-245 only) in Cecchetti

Weeks 7 – 8: module 3 of lecture notes; Chapters 4, 5, 6, 7 in Cecchetti

Weeks 9 - 10: module 4 of lecture notes; Chapter 20 (pages 553-563) in Cecchetti; also Chapters 15 and 18 in Cecchetti